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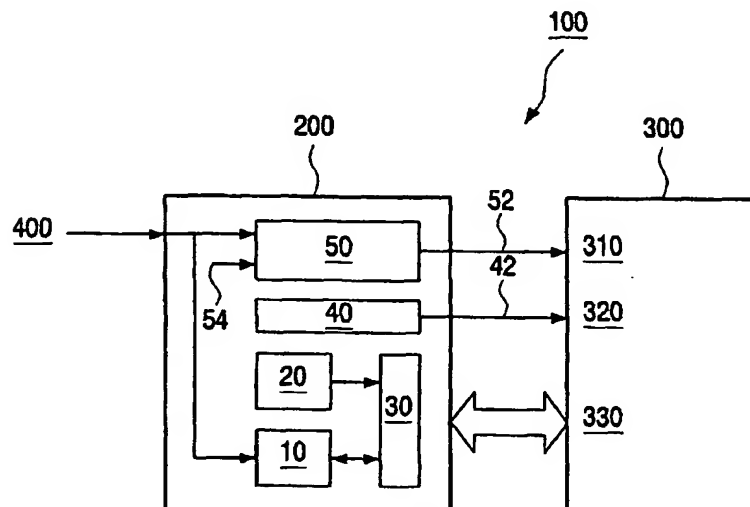
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(54) Title: METHOD AND BASE CHIP FOR MONITORING THE OPERATION OF A MICROCONTROLLER UNIT



(57) Abstract: To enable a method and a base chip (200) for monitoring the operation of at least one microcontroller unit (300) that is intended for at least one application and is associated with a system (100) to be further developed in such a way that the operation of the microcontroller unit (300), which is associated with a serial system, is monitored in such a way as to enable faulty operation, and particularly faulty operation that discharges the battery, to be reliably prevented, it is proposed that the microcontroller unit (300) has at least one non-volatile memory area (10) associated with it, the memory area (10) can be read from and/or written to by the microcontroller unit (300), and at least one set of statistics, and in particular a set of fault statistics, relating to the operation of the microcontroller unit (300), can be kept by means of the memory area (10).



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	DE 196 11 942 A (DAIMLER BENZ AG) 2 October 1997 (1997-10-02) abstract figures 6-8 column 2, line 4 - line 31 column 3, line 41 - column 8, line 37 column 12, line 20 - column 14, line 28 column 20, line 36 - line 55 ---	1, 4, 5, 8-10 2 3, 6, 7
Y	US 5 594 646 A (ITOH YASUNOBU ET AL) 14 January 1997 (1997-01-14) column 1, line 5 - column 3, line 21 column 5, line 55 - line 57 --- -/--	2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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